

2



Lesson Preparation book

ICT

Prep 2



First Term

2025-2026

Teacher' s Biography

Name:

School:

The educational administration:

Qualification:

Teaching Subject:

Comprehensive School:

The school to which he is delegated:

Date of appointment:

The job is on the staff:

Teacher Code:

Mobile Number:

Teacher

Supervisor

School Principal

Daily class schedule

Session Day	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eightieth	Ninth
Saturday									
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									

session Day	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eightieth	Ninth
Saturday									
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									

Teacher

Supervisor

School Principal

The Lesson Objectives of Computer

At the end of the first term the student will be able to:

- **Developing** students' awareness of the concepts of interconnected smart systems (Internet of Things, Artificial Intelligence, Robotics) and their role in addressing environmental challenges.
- **Providing** students with the ability to think creatively and innovate in using technology to protect the environment and reduce the effects of climate change.
- **Developing** students' knowledge of advanced cyber threats and ways to prevent them.
- **Training** students to develop practical plans to confront various cyber attacks (such as denial of service attacks).
- **Providing** students with comprehensive knowledge about the characteristics, sources, and types of big data.
- **Enhancing** students' capabilities in analyzing big data and using it in artificial intelligence applications.
- **Develop** students' knowledge of web design concepts and the importance of User Experience(UX) and User Interface(UI).
- **Providing** students with practical skills in applyingUX–UI principles and formatting web pages usingCSS.
- **Preparing** students to produce integrated digital projects usingHTML andCSS.
- **Developing** students' skills in designing and developing interactive websites using artificial intelligence tools and basic programming techniques

Teacher

Supervisor

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Specific objectives of the subject of Computer Science and Information and Communication Technology

At the end of the first term the student will be able to:

- **Explains** the concept of interconnected smart systems (Internet of Things, Artificial Intelligence, and Robotics).
- **Infers** the impact of interconnected smart systems in addressing environmental problems (air pollution, drought, etc.).
- **Suggests** as many ideas as possible for employing smart systems to help protect the environment and reduce the effects of climate change.
- **Explains** advanced fraudulent threats.
- **Lists** as many ideas as possible to confront advanced cyber threats.
- **Proposes** a plan to counter Distributed Denial-of-Service (DDoS) attacks.
- **Explains** the characteristics of Big Data.
- **Discusses** the sources of Big Data.
- **Infers** the types of Big Data.
- **Discusses** the stages of Big Data processing.
- **Explains** the uses of Big Data.
- **Lists** as many examples as possible of Artificial Intelligence applications that rely on Big Data.
- **Explain** some concepts related to website design.
- **Suggest** multiple ideas for websites with UX–UI design.
- **Apply** basic UX–UI principles in simple classroom activities.
- **Discuss** web page styling using CSS.
- **Write** the basic structure of CSS correctly.
- **List** the benefits of CSS.
- **Explain** the idea of their digital project using HTML.
- **Write** the project codes correctly.
- **Design** a “My School” web page in an attractive way.
- **Design** a web page on the Internet.
- **Practice** the steps of creating simple websites using a free AI tool.
- **Develop** a web page on the Internet.

Teacher

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Distribution of computer and information technology content
For 2nd.Prep 2025 / 2026 - First Term

MONTH	week	DATE	TOPIC	Assessments and tests
September 2025	1	20 / 9 / 2025	Unit One Lesson ١: Smart systems and their impact on climate change	بداية الفصل الدراسي الأول
	2	27 / 9 / 2025		
October 2025	3	4 / 10 / 2025	Lesson ٢: Advanced Cyber Threats	
	4	11 / 10 / 2025		
	5	18 / 10 / 2025	Lesson ٣: Big Data	
	6	25 / 10 / 2025	Lesson ٤: Big Data and its Relationship to Artificial Intelligence	وفقاً لقرار ١٣٧ يتم عمل: اختبار أسبوعي واختبار شهري ١
November 2025	7	4 / 10 / 2025		
	8	8 / 11 / 2025	Unit Two Lesson ١: Principles of designing attractive, professional website interfaces	
	9	15 / 11 / 2025	Lesson ٢: Formatting Web Pages	وفقاً لقرار ١٣٧ يتم عمل: اختبار أسبوعي واختبار شهري ٢
	10	22 / 11 / 2025		
	11	29 / 11 / 2025		
December 2025	12	6 / 12 / 2025	Lesson ٣: My Digital Project for My School	
	13	13 / 12 / 2025		
	14	20 / 12 / 2025	Lesson ٤: Creating a Website with the Help of Artificial Intelligence	
	15	27 / 12 / 2025		
January 2026	16	3 / 1 / 2026	General review First semester exams begin	
	17	10 / 1 / 2026		

Teacher

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Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	One	Intelligent Systems and Their Impact on Climate Change

Introduction / What are intelligent connected systems? How can they contribute to protecting our planet?

Lesson objectives/

- 1- Explain the concept of intelligent interconnected systems.
- 2- Suggest as many ideas as possible for employing intelligent systems to help protect the environment
- 3- Conclude the impact of intelligent interconnected systems on facing environmental problems

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to be: Environmental Awareness Work values: cooperation Globalization Issues : Participation in Environmental Protection	Electronic board – textbook- Educational video		☐ Dialogue and discussion ☐ Problem solving	✈ Intelligent systems: Intelligent systems work together in an interconnected manner to become more intelligent and useful in our lives. These systems are: 1. IOT Connecting different devices to the Internet to exchange data 2. Artificial Intelligence(AI) The ability of a machine to think and make decisions 3. Robotics are devices that can perform tasks similar to those performed by humans When these three technologies work together, we get what are called intelligent interconnected systems First: The idea of interconnected smart systems: Sending Information and Determining Location : Internet of Things Analyzing the Problem and Making the Appropriate Decision : Artificial Intelligence for movement and performing tasks : Robots Second: Practical applications of smart systems in our lives: Devices now rely on artificial intelligence, the Internet of Things, and robotics to think and operate on their own. We use these smart systems every day without even realizing it, .whether at home, at school, or in the hospital These systems help us save time and effort and make our lives more comfortable and easier	Suggest ideas through which intelligent interconnected systems can be used to help address environmental problems	Searching the Internet How can a smart system conserve water	They are devices that can perform work like human
Weekly Assessment			Complete: The main function of artificial intelligence is				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	One	Con. Intelligent Systems and Their Impact on Climate Change

Introduction / What are intelligent connected systems? How can they contribute to protecting our planet?

Lesson objectives/

- 1- Explain the concept of intelligent interconnected systems.
- 2- Suggest as many ideas as possible for employing intelligent systems to help protect the environment
- 3- Conclude the impact of intelligent interconnected systems on facing environmental problems

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to be: Environmental Awareness Work values: cooperation Globalization Issues : Participation in Environmental Protection	Electronic board – textbook- Educational video		☐ Dialogue and discussion ☐ Problem solving	Some examples that we see and use in our daily life: 1- Smart Home 2- School Robot 3- Smart Farming 4- Voice Assistant 5- Smart Car Smart Systems and Their Impact on Climate Change: Today, planet Earth is facing major problems due to climate change (rising temperature – air pollution – ice melting – drought – floods). Through smart systems, it is possible to monitor the environment, reduce pollution, and protect the planet. Some climate change problems and their solutions using smart systems: • Global warming • Water shortage and drought • Melting of ice in the poles • Air pollution • Floods and heavy rainfall 	Suggest ideas for how interconnected smart systems can be used to help address environmental problems.	By researching online, how a smart system can reduce pollution.	It is possible through “smart systems” to.....
Weekly Assessment			Complete: The Earth is facing major problems today because of.....				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Two	Advanced Cyber Threats

Introduction / What do you know about the concept of social engineering in the online world?

Lesson objectives/

- 1- Explain advanced fraudulent threats 2- Mention several ideas for countering advanced cyber threats
3- Propose a plan to counter distributed denial-of-service attacks

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Protecting Your Personal Data Work Values: Accuracy Citizenship Issues: Protecting devices and networks in my environment	Electronic board – textbook– Educational video – Flashcards with examples of phishing		☐ Dialogue and discussion ☐ Problem solving ☐ brainstorming	Advanced Cyber Threats: Advanced cyber threats are sophisticated techniques used by hackers to harm us or steal our information. They are not limited to simple viruses. They are carefully planned attacks that exploit specific vulnerabilities that may exist in: • Systems • Devices in use • Our behavior as users Ransomware and How It Works: Ransomware is a type of malicious software that encrypts your files (making them unreadable) or locks your devices and demands payment (a "ransom") to restore access. How it works: Ransomware often spreads through suspicious email messages, malicious websites, harmful links, or by downloading software from untrusted sites. Once it enters your device, it quickly begins encrypting your files and then displays a message demanding a ransom. 	Suggest ideas to protect your device from ransomware.	By researching online, learn how ransomware works.	 is a type of malicious software that encrypts your files.
Weekly Assessment			Complete: sophisticated techniques used by hackers to harm us or steal our information.				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Two	Con. Advanced Cyber Threats

Introduction / What do you know about the concept of social engineering in the online world?

Lesson objectives/

- 1- Explain advanced fraudulent threats 2- Mention several ideas for countering advanced cyber threats
3- Propose a plan to counter distributed denial-of-service attacks

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Protecting Your Personal Data Work Values: Accuracy Citizenship Issues: Protecting devices and networks in my environment	Electronic board – textbook – Educational video – Flashcards with examples of phishing		☐ Dialogue and discussion ☐ Problem solving ☐ cooperative learning	Concept of Advanced Social Engineering and Its Methods: Social engineering is not about hacking the devices or software; it is about hacking minds! It is the art of deceiving people to make them reveal confidential information or perform actions that put their security at risk. Advanced Social-Engineering Techniques: • Spear Phishing • Baiting • Pretexting Distributed Denial-of-Service (DDoS) Attacks: • What they aim to do: Slow down, disable, or prevent legitimate users from accessing a website or online service. • How they work: Attackers use “botnets” – networks of compromised devices controlled remotely – to send huge volumes of requests to the target server.		Suggest ideas to protect your device from cyber threats.	Name advanced social-engineering techniques. is the art of deceiving people to make them reveal confidential information or perform actions that jeopardize their security.
Weekly Assessment			Put ✓ or x: Ransomware can permanently damage your device ()				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Three	Big Data

Introduction / What is big data? How can we securely obtain data that helps us make proper decisions?

Lesson objectives/

- 1- Explain the characteristics of big data 2- Discuss secure big data sources 3- Infer the types of big data

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Appreciating the importance of information Work Values: Cooperation Globalization Issues: Exchange of Big Data among countries worldwide	Interactive board – Textbook – Flashcards for some types of Big Data		☐ Dialogue and discussion ☐ Mind map ☐ brainstorming	Concept of Big Data: A collection of large and complex datasets that cannot be processed efficiently using traditional technologies (such as Excel) in order to be utilized effectively. Big Data analysis allows analysts, researchers, and business leaders to make better and faster decisions. Sources of Big Data: 1-Internet-connected devices (IoT) 2- Digital content 3-Social media 4- Data from smart devices 5-Financial data 6- Government data 7-Geographic and spatial data The Five Characteristics of Big Data (5Vs): Volume Velocity Variety Veracity Value Types of Big Data: Structured Data: e.g., customer data, financial data, transaction records Unstructured Data: e.g., a Facebook post containing images, text, and videos Semi-structured Data: e.g., emails 	Using a text editor, write some characteristics of Big Data.	Draw a mind map to illustrate the types of Big Data.	 are structured data organized in tables with rows and columns, such as
Weekly Assessment			Put ✓ or ✗: Semi-structured data is a mixture of structured and unstructured data ()				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Four	Big Data and Its Relationship to Artificial Intelligence

Introduction / What is big data? How can we securely obtain data that helps us make proper decisions?

Lesson objectives/

1- Explain the characteristics of big data 2- Discuss secure big data sources 3- Infer the types of big data

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Technological Awareness Work Values: Innovation Globalization Issues: Data analysis using Artificial Intelligence	Interactive board – Textbook – Flashcards for some types of Big Data		☐ Dialogue and discussion ☐ Mind map ☐ brainstorming	Stages of Big Data Processing: 1. Data collection 2. Data storage 3. Data cleaning 4. Data analysis 5. Information extraction Uses of Big Data: 1. Artificial Intelligence 2. Machine Learning and Deep Learning 3. Network monitoring and Cybersecurity 4. E-commerce 	Using a text editor, write some uses of Big Data.	Draw a mind map to illustrate the stages of Big Data processing.	 is considered the first stage of data processing.
Weekly Assessment			Put ✓ or ✕: Big Data is not the raw material that Artificial Intelligence feeds on ()				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Four	Con. Big Data and Its Relationship to Artificial Intelligence

Introduction / How does artificial intelligence rely on big data?

Lesson objectives /

- 1- Discuss the stages of big data processing
- 2- Explain the using of big data
- 3- Cite as many examples as possible of how artificial intelligence relies on big data

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Technological Awareness Work Values: Innovation Globalization Issues: Data analysis using Artificial Intelligence	Interactive board – Textbook – Flashcards for some types of Big Data		☐ Dialogue and discussion ☐ Mind map ☐ brainstorming	The Role of Big Data in Artificial Intelligence: ✓ Improving Accuracy and Performance: Big Data enables training models on a wide range of scenarios and conditions, which enhances their ability to generalize and reduces the problem of overfitting, thus increasing their accuracy. ✓ Enabling Advanced AI Applications: 1. Natural Language Processing (NLP) 2. Computer Vision 3. Predictive Analytics 4. Discovering insights and hidden patterns 5. Continuous learning and adaptation 6. Enhancing user experience and automating tasks 	Using a text editor, write some uses of Big Data.	State the role of data in Artificial Intelligence.	The role of Big Data in Artificial Intelligence is
Weekly Assessment			Put ✓ or x: Big Data is not the raw material that Artificial Intelligence feeds on ()				

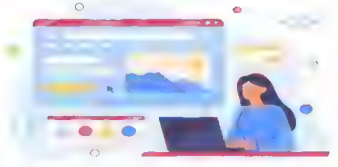
Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Unit2 I.1	Principles of Designing Attractive, Professional Website interface

Introduction / By browsing websites, what are the most important things that make it easier for you to use this website?

Lesson objectives /

- 1- Explain some concepts related to website design
- 2- List as many ideas as possible for websites with good UX/UI design
- 3- Employ some basic UX/UI principles in simple classroom activities

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Developing digital aesthetic taste Work Values: Perfection / Mastery Globalization Issues: The spread of applications that rely on professional interface design	Interactive board – Textbook – Presentation – Flashcards for application interfaces		☐ Dialogue and discussion ☐ brainstorming	How good are the services provided by website and application interfaces, and why do you feel comfortable using them? First: The Concept of User Experience (UX) Design: User Experience (UX) Design: is thinking about how people use an application or website. • Can they easily find what they need? • Do they feel happy while using it? Importance of User Experience Design: If the application or website is easy to use, the user will feel satisfied and will return to use it again. If it is difficult, the user may abandon it forever. Basic Principles to Consider in UX Design: • Navigation: Ease of moving around the site or app • Clarity: Clear and understandable design • Consistency: Uniform style and interaction across pages 	Discuss some flashcards of application interface types.	State some principles of good user interface design.	 is thinking about how people will use the application or website.
Weekly Assessment			Complete: User Interface (UI) design is mainly concerned with the of the product.				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Unit2 L.1	Con. Principles of Designing Attractive, Professional Website interface

Introduction / By browsing websites, what are the most important things that make it easier for you to use this website?

Lesson objectives /

- 1- Explain some concepts related to website design
- 2- List as many ideas as possible for websites with good UX/UI design
- 3- Employ some basic UX/UI principles in simple classroom activities

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Developing digital aesthetic taste Work Values: Perfection / Mastery Globalization Issues: The spread of applications that rely on professional interface design	Interactive board – Textbook – Presentation – Flashcards for application interfaces		☐ Dialogue and discussion ☐ corporate learning	Second: The Concept of User Interface (UI) Design: User Interface (UI) Design: is the visual appearance of a website, application, or game. Importance of UI (Visual Attractiveness): A beautiful interface creates a good first impression. For example, one eye looks admiringly at a well – designed interface, while another looks displeased at a disorganized or unattractive design. If the interface is not visually appealing, users will not like it. Basic Principles of UI Design: • Colors • Typography / Fonts • Layout / Planning Examples of Well – Designed Websites: • Google: Simple and easy to use; you can quickly find what you need. • YouTube: Features an attractive design and easy navigation. 	Draw a conceptual design of an organized application interface.	Discuss the principle of successful design.	The website/app is simple and easy to use; you can quickly find what you need.
Weekly Assessment				Complete: User Interface (UI) design is mainly concerned with the of the product.			

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Two	Web page format

Introduction / What is CSS? Explain.

Lesson objectives /

- 1- Discuss web page layout (CSS). 2- Write the basic structure of CSS correctly 3- List the benefits of the CSS language

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Developing digital aesthetic taste Self - Values: Perfection / Mastery Globalization Issues: The adoption of CSS as a global standard for web page styling	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ corporate learning ☐ practical training	HTML and CSS HTML: is a coding language used to create static web pages, which are displayed using web browsers. CSS: is used to style the appearance of web pages. It saves effort by allowing you to control the design of multiple web pages at once. Benefits of CSS: • Saves time • Fast loading • Easy to modify • Improves visual appearance • Enhances readability • Builds responsive and suitable pages • Separates design and styling from the content of the web page Basic Structure of CSS: The general syntax of CSS code is as follows: Selector { Property: Value };	Write / State Some Benefits of CSS	By using PowerPoint Write / State Some Benefits of CSS	CSS is used to the appearance of web pages.
Weekly Assessment		Complete: One of the benefits of CSS is.....					

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Two	Con. Web page format

Introduction / What are the ways to apply CSS styles?

Lesson objectives /

1– Discuss web page layout (CSS). 2– Write the basic structure of CSS correctly 3– List the benefits of the CSS language

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Developing digital aesthetic taste Self-Values: Perfection / Mastery Globalization Issues: The adoption of CSS as a global standard for web page styling	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ corporate learning ☐ practical training	Basic Structure of CSS: Selector: Represents an HTML element or a group of elements to which the styles will be applied, e.g., body. Property: Specifies what you want to change, e.g., color, size. Value: Specifies how you want to change the property. Ways to Apply CSS Styles: Inline CSS: Used to apply styles directly to elements on the page. Internal CSS: Used to style individual pages. External CSS: Preferred for large websites to unify design and styling across multiple pages. (Writing external CSS code: see detailed explanation in the textbook, pages 61–64.) 	Write / State Some Benefits of CSS	By using PowerPoint Write / State Some Benefits of CSS	CSS is used to the appearance of web pages.
Weekly Assessment		Complete: One of the benefits of CSS is.....					

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Three	My Digital Project for My School

Introduction / How can you design an attractive website?

Lesson objectives /

1–Explain the concept of my digital project using HTML

2– Write my project code correctly

3– Design my school's page in an attractive way

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation												
Learn to Be: Applying the steps to create a project Work Values: Cooperation Globalization Issues: Using modern digital technologies in project implementation	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ corporate learning	Steps for Writing HTML – CSS Code to Design and Style a Web Page: - Prepare a folder containing the necessary files to create the pages. - Inside the Project folder, use a text editor to create the files needed to implement the project: <table><tr><th>File</th><th>Type</th><th>Function</th></tr><tr><td>School.htm</td><td>HTML</td><td>It stores the HTML code for the school data page.</td></tr><tr><td>Student.htm</td><td>HTML</td><td>It stores the HTML code for the student data page.</td></tr><tr><td>Style.css</td><td>CSS</td><td>It stores the CSS code used to format the two pages.</td></tr></table> - HTML code for the “School Data” page (Textbook, p.69) - Explanation of the HTML code for the “School Data” page - Examples of some codes (Detailed codes in the textbook, pp.70 – 71)	File	Type	Function	School.htm	HTML	It stores the HTML code for the school data page.	Student.htm	HTML	It stores the HTML code for the student data page.	Style.css	CSS	It stores the CSS code used to format the two pages.	Write the CSS Code for the Lesson	Changing the color of a heading	A CSS file can be used to style a large number of HTML pages at once
File	Type	Function																	
School.htm	HTML	It stores the HTML code for the school data page.																	
Student.htm	HTML	It stores the HTML code for the student data page.																	
Style.css	CSS	It stores the CSS code used to format the two pages.																	
Weekly Assessment			Complete: ----- refers to the code inside a CSS file used to style the container and its contents.																

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Three	Con. My Digital Project for My School

Introduction / How can you design an attractive website?

Lesson objectives /

1–Explain the concept of my digital project using HTML 2– Write my project code correctly 3– Design my school's page in an attractive way

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Applying the steps to create a project Work Values: Cooperation Globalization Issues: Using modern digital technologies in project implementation	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ cooperative learning ☐ practical training	- Linking an HTML file to an external CSS file named <code>style.css</code> so it can be used to style the pages. - The <code>div</code> element is used as a container or section of the page to organize page content and can group elements for purposes such as styling. <code>class="container"</code> refers to the code inside the CSS file used to style the container and its contents. HTML Code for the “Student Data” Page - See textbook, p.72 Explanation of the HTML Code for the “Student Data” Page - Detailed codes in the textbook, pp.73–74 Explanation of the CSS Code for Styling Web Pages - Detailed codes in the textbook, pp.75–77 	Write the “My School” Project Code	Identify a main component of the project page.	 is the part that controls the appearance of the entire page.
Weekly Assessment			Complete: ----- refers to the code inside a CSS file used to style the container and its contents.				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Four	Create your website with the help of Artificial Intelligence

Introduction / How can you create a website? What is the role of artificial intelligence in this?

Lesson objectives /

1- Design my website

2- Practice the steps of creating simple websites using a free artificial intelligence tool

3- Develop my website

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Applying the Steps of Project Creation Work Values: Cooperation Globalization Issues: Using modern digital technologies in project implementation	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ learning ☐ practical training	The Importance of Using Artificial Intelligence (AI) Techniques to Create a Website: - The website becomes your personal digital window on the Internet. - It allows you to showcase your ideas, hobbies, or even your school project to the world. Importance of Owning a Website: - A platform for self-expression - Developing future skills - A way to communicate with the world - Showcasing school projects AI and Its Role in Website Design: Artificial Intelligence can: - Understand simple commands and turn them into a professional design. - Save time and effort in learning complex programming languages. - Suggest creative ideas and designs suitable for your website topic. - Quickly modify the design based on your feedback.	Design a PowerPoint Slide: Topic: The Importance of Using Artificial Intelligence (AI) Techniques to Create a Website	State the Importance of Owning a Website:	One of the importance of using Artificial Intelligence (AI) techniques to create a website is ...
Weekly Assessment			Complete: ----- is considered a means of communication with the world.				

Teacher's Signature

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 2				First	Four	Con. Create your website with the help of Artificial Intelligence

Introduction / How can you create a website? What is the role of artificial intelligence in this?

Lesson objectives /

1- Design my website

2- Practice the steps of creating simple websites using a free artificial intelligence tool

3- Develop my website

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Learn to Be: Applying the Steps of Project Creation Work Values: Cooperation Globalization Issues: Using modern digital technologies in project implementation	Interactive board – Textbook – Presentation		☐ Dialogue and discussion ☐ corporate learning ☐ practical training	AI Tools for Website Creation: Wegic: - A tool that uses Artificial Intelligence to create websites based on the commands and preferences you provide. Features: Easy-to-use interface; diverse design options suitable for students. Jimdo Dolphin: - An easy-to-use platform that relies on AI to generate websites based on simple information you provide. Features: Can be used via mobile devices; modern designs suitable for small projects; requires no technical skills. Steps to Create Websites Using AI Tool Wegic.ai: - For detailed steps, see the textbook, pages 82–90.	Design a PowerPoint Slide: Topic: The Importance of Using Artificial Intelligence (AI) Techniques to Create a Website	State the Importance of Owning a Website:	 can quickly modify the design based on your feedback.
Weekly Assessment		Complete: ----- is an easy-to-use platform that relies on Artificial Intelligence to generate websites..					

Teacher's Signature